Attorney Docket No.: SONY-50N3172

Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIGITAL RECORDING AND PLAYBACK SYSTEM WITH VOICE RECOGNITION CAPABILITY FOR CONCURRENT TEXT GENERATION

the specification of which	ch:				
x is attached hereto was filed on was amend	as ap	plication serial no	·	: and	
I hereby state that I have the claims, as amended	re reviewed and unders by any amendment re	stand the content ferred to above; a	s of the above id nd	lentified specification	on, including
I acknowledge the duty accordance with Title 3	to disclose information 7, Code of Federal Reg	which is material gulations, Section	to the examinati 1.56(a).	on of this application	on in
Foreign Priority	Claim				
I hereby claim foreign p for patent or inventor's of inventor's certificate have	certificate listed below a	and have also ide	ntified below any	/ foreign application	n application(s) n for patent or
Number	Country	Date Filed	Priority Claime	d	
	***************************************	····	yes	no	
	***************************************	·····	yes	no	
U.S. Priority Cla	im				
I hereby claim the bene listed below and, insofar United States applicatio 112, I acknowledge the Section 1.56(a) which o international filing date of	r as the subject matter on the manner provid duty to disclose materic curred between the file.	of each of the clai ed by the first par al information as	ms of this applica agraph of Title 3 defined in Title 3	ation is not disclose 5, United States C 7, Code of Federa	ed in the prior ode, Section I Regulations.
Serial Number	Filing Date	Status	(patented/pend	ling/abandoned)	

······································		***************************************	••••••••••••••		

Attorney Docket No.: SONY-50N3172

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 42,293
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,041

Send Correspondence to:

WAGNER, MURABITO & HAO LLP Two North Market Street, Third Floor San Jose, California 95113 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Invent	or: Takashi I	Nakatsuyama		
Inventor's Signature Residence LaJolla, Ca (City	alifornia State)	Citizenship	Date Japan	11/11/99
P.O. Address 3438 Via	Alicante, LaJol	la, California	92037	
Full Name of Second/Joint In				
Inventor's Signature			Date	•
Residence	***************************************	Citizenship		1.
P.O. Address	State)		,	
Full Name of Third/Joint Inver	ntor:			,
Inventor's Signature			Date _	
Residence	***************************************	Citizenship		
P.O. Address	State)			

Assignment To SONY Corporation and SONY Electronics, Inc.

Takashi Nakatsuyama						
do hereby sell, assign, and transfer unto SONY Corporation and SONY Electronics, Inc. (hereinafter called the Assignees), a Corporation of Delaware and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:						
DIGITAL RECORDING AND PLAYBACK SYSTEM WITH VOICE RECOGNITION CAPABILITY FOR CONCURRENT TEXT GENERATION						
filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, or						
Serial No.: filed on and the inventions set forth						
Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;						
And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignees, their successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignees.						
I/we further covenant with the Assignees, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;						
In witness whereof, I/we hereunto set my/our hand(s) and seal:						
Inventor's Signature: Takahi Watanagana Date: 11/11/99						